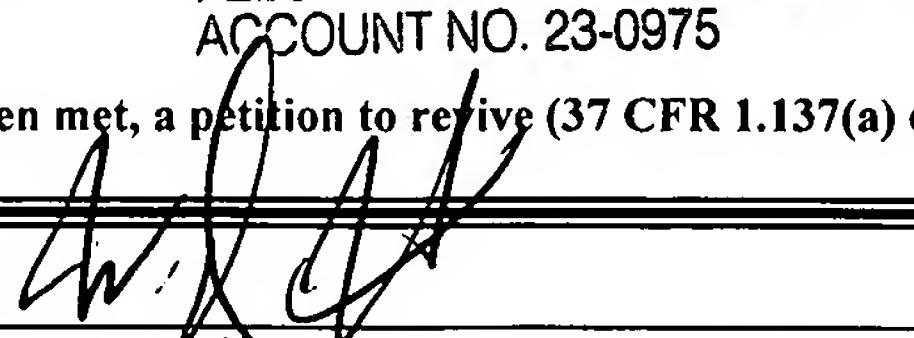


FORM PTO 1390 (REV 5-93) US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY DOCKET NUMBER 2006_1115A
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. §371		U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/585,780
International Application No. PCT/JP2005/000734	International Filing Date January 14, 2005	Priority Date Claimed January 15, 2004
Title of Invention DIFFUSION BARRIER ALLOY FILM, METHOD OF MANUFACTURING THE SAME, AND HIGH-TEMPERATURE APPARATUS MEMBER		
Applicant(s) For DO/EO/US Toshio NARITA et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. §371. 2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. §371. 3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. §371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. §371(b) and PCT Articles 22 and 39(1). 4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. §371(c)(2)) a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) 6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. §371(c)(2)). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3)). a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19. 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. §371(c)(4)). 10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. §371(c)(5)).		
Items 11. to 14. below concern other document(s) or information included: 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 14. <input checked="" type="checkbox"/> Other items or information: English Version of the International Preliminary Examination Report with cover sheet.		THE COMMISSIONER IS AUTHORIZED TO CHARGE ANY DEFICIENCY IN THE FEES FOR THIS PAPER TO DEPOSIT ACCOUNT NO. 23-0975

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)- 10/585,780	INTERNATIONAL APPLICATION NO. PCT/JP2005/000734	ATTORNEY'S DOCKET NO. 2006_1115A		
15. <input type="checkbox"/> The following fees are submitted		CALCULATIONS	PTO USE ONLY	
Basic National Stage Fee \$300.00 National Stage Search Fee (International Search Report provided - 37 CFR 1.492(b)(2)) \$400.00 National Stage Examination Fee \$200.00 Specification/drawings in excess of 100 pages (units of 50 x \$250.00) = \$ ENTER APPROPRIATE BASIC FEE AMOUNT =				
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$		
Claims	Number Filed	Number Extra	Rate	
Total Claims	- 20 =		X \$50.00	\$
Independent Claims	- 3 =		X \$200.00	\$
Multiple dependent claim(s) (if applicable)			+ \$360.00	\$
TOTAL OF ABOVE CALCULATIONS =			\$	
<input type="checkbox"/> Small Entity Status is hereby asserted. Above fees are reduced by 1/2.		\$		
SUBTOTAL =		\$		
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		+ \$		
TOTAL NATIONAL FEE =		\$		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +		\$		
TOTAL FEES ENCLOSED =		\$		
		Amount to be refunded	\$	
		Amount to be charged	\$	
a. <input type="checkbox"/> A check in the amount of \$ to cover the above fees is enclosed. A duplicate copy of this form is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. 23-0975 in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>23-0975</u> .				
THE COMMISSIONER IS AUTHORIZED TO CHARGE ANY DEFICIENCY IN THE FEES FOR THIS PAPER TO DEPOSIT ACCOUNT NO. 23-0975				
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.				
19. CORRESPONDENCE ADDRESS		By:  W. Douglas Hahm, Registration No. 44,142		
CUSTOMER NO. 000513		WENDEROTH, LIND & PONACK, L.L.P. 2033 "K" Street, N.W., Suite 800 Washington, D.C. 20006-1021 Phone:(202) 721-8200 Fax:(202) 721-8250 November 14, 2006		

[CHECK NO. _____]
 [2006_1115A]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Toshio NARITA et al. : **Mail Stop: PCT**
Serial No. 10/585,780 : Attorney Docket No. 2006_1115A
Filed July 11, 2006 :

DIFFUSION BARRIER ALLOY FILM, METHOD
OF MANUFACTURING THE SAME, AND
HIGH-TEMPERATURE APPARATUS MEMBER
[Corresponding to PCT/JP2005/000734]

Filed January 14, 2005]

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEES FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975

SUBMISSION OF ENGLISH VERSION OF IPER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

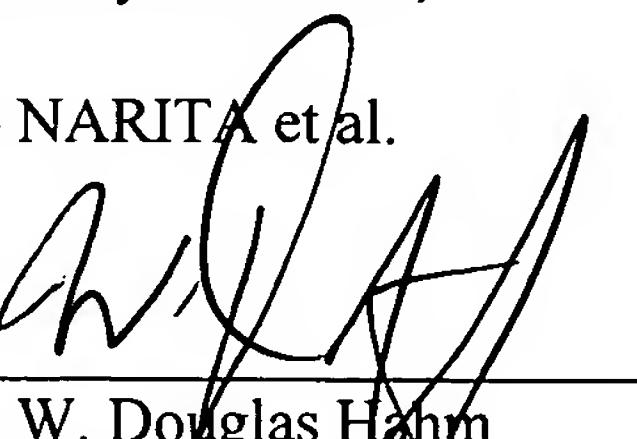
Sir:

An English language version of the International Preliminary Examination Report is submitted herewith for the Examiner's consideration.

Respectfully submitted,

Toshio NARITA et al.

By


W. Douglas Hahn
Registration No. 44,142
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